



# OptoTech

## OAC-75F

High Vacuum Coating System for Optical Coatings



### Compact and Flexible

The OptoTech OAC-75F evaporation coater is used for the application of high quality thin films like antireflective (AR) coatings and other kinds of interference filters on optical components on a small scale. The OAC coating system is characterized by the product quality for which OptoTech is known, ease of use, and exceptional reliability in the daily production operation.



## Technical Data

### OAC-75F

|                   |   |
|-------------------|---|
| Application       | Vacuum Coating System for Optical Coatings  |
| Coating Processes | <p>In the field of precision optics, OptoTech offers a wide range of coating processes. Typical applications are anti-reflective coatings, edge filters, band pass filters, beam splitters, high reflective mirrors and many more. For further details please contact our coating specialists or send your specifications as request for process support.</p> |
| Calotte Diameter  | 700 mm  |
| Loading Capacity  | 213 lenses of Ø 30 mm<br>45 lenses of Ø 70 mm<br>6 lenses of Ø 200 mm   |
| Dimensions        | Please note the installation plan   |
| Disclaimer        | All data are subject to change without notice.<br>Please verify details with OptoTech.  |



## Highlights

- High quality coatings incl. thermal shift free layers
- Pumping system with cryo pump
- Meissner-trap with Polycold
- Process control unit with operator interface
- Electron-beam evaporation system (2 eb-guns)
- Thermal evaporation source
- Ion-source
- IR-heating system
- Thin film deposition control with quartz crystal method

## System Advantages

- Perfect for small and mid-size production volumes
- Reliable in the daily production
- Easy-to-operate
- Highly flexible
- Shortest cycle times

## Options

- Turbo or diffusion pump
- Broadband optical monitor: Indirect measurement
- Plasma source
- Wide range of coating consumables and coating materials available